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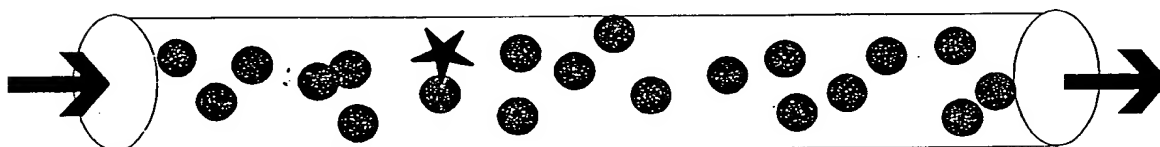
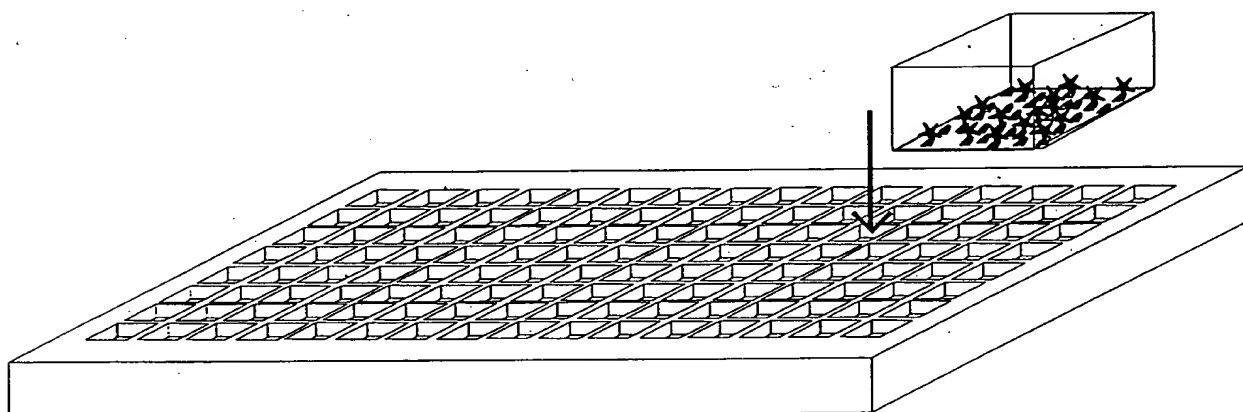
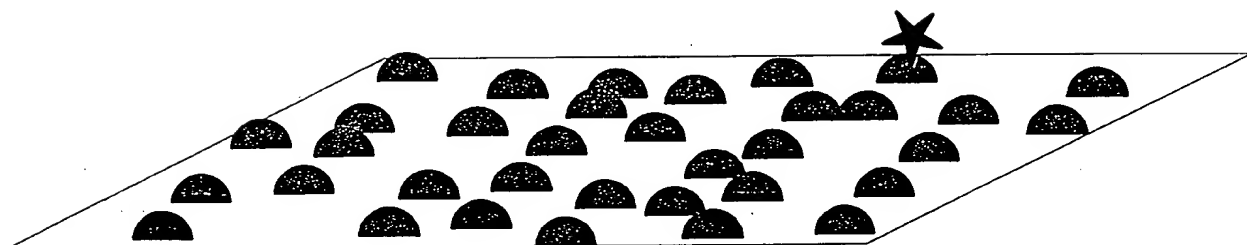
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FIG. 1



09345000 "042004  
T0240 30054250

FIG. 2

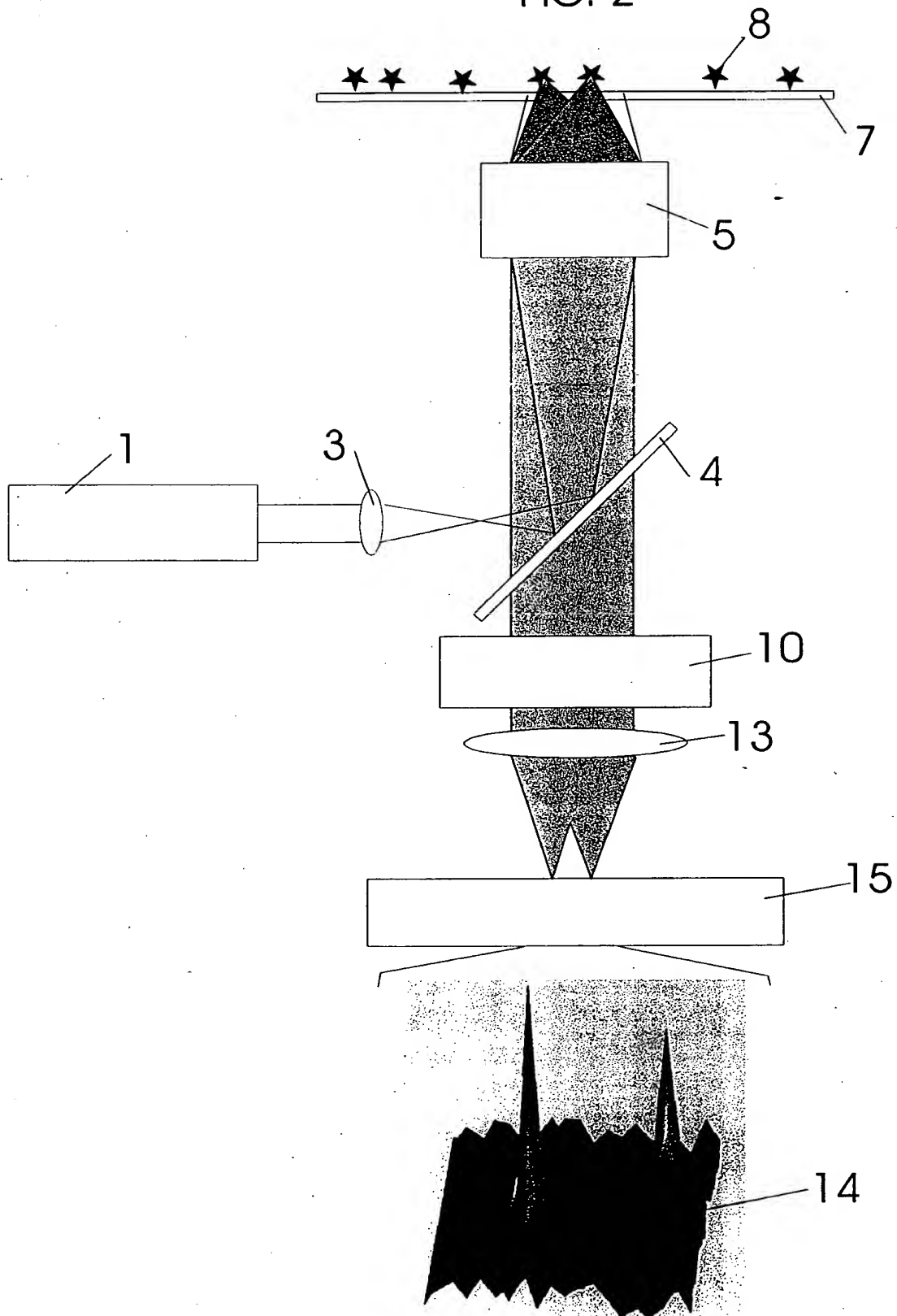
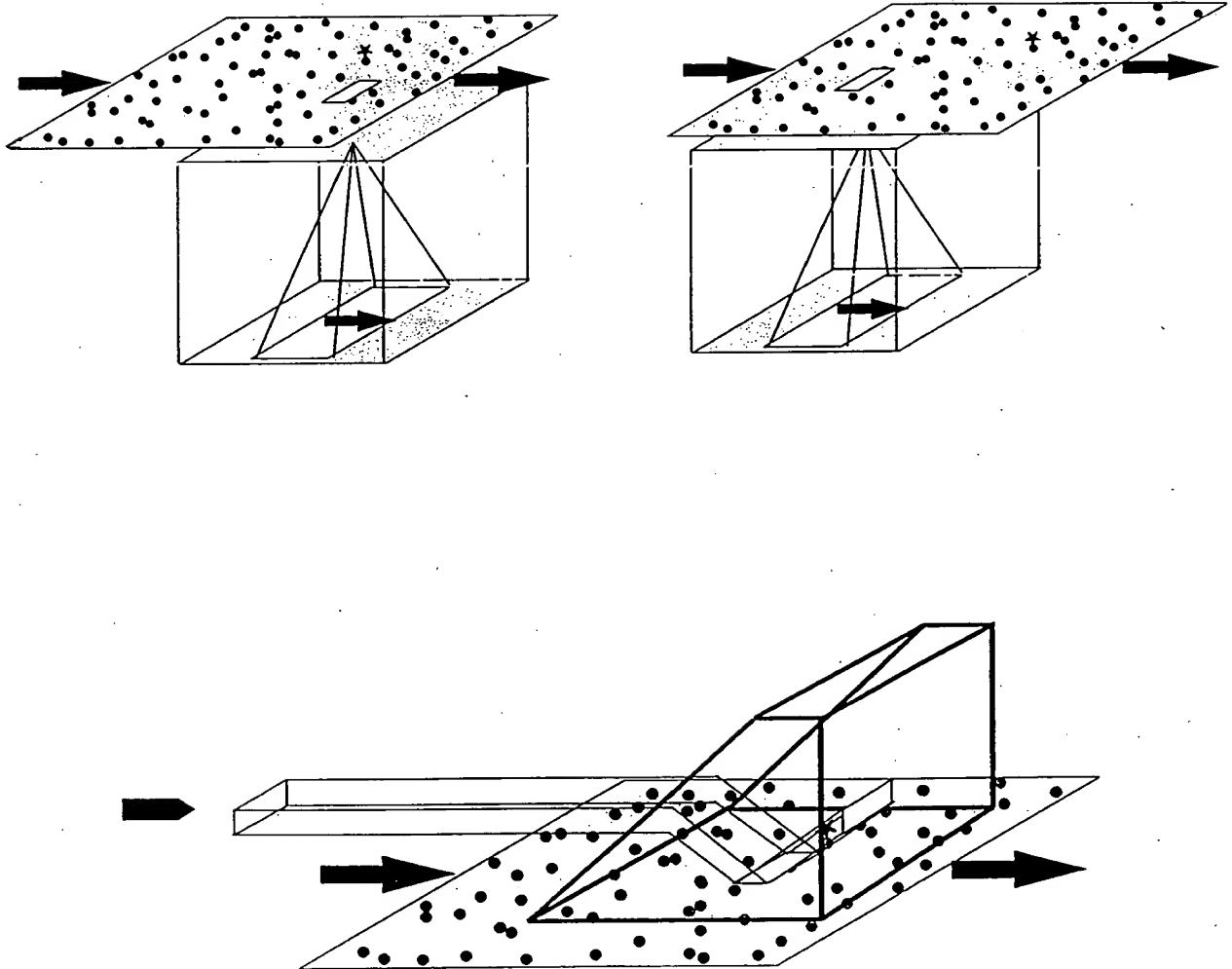


FIG. 3



05845006 042704

FIG. 5

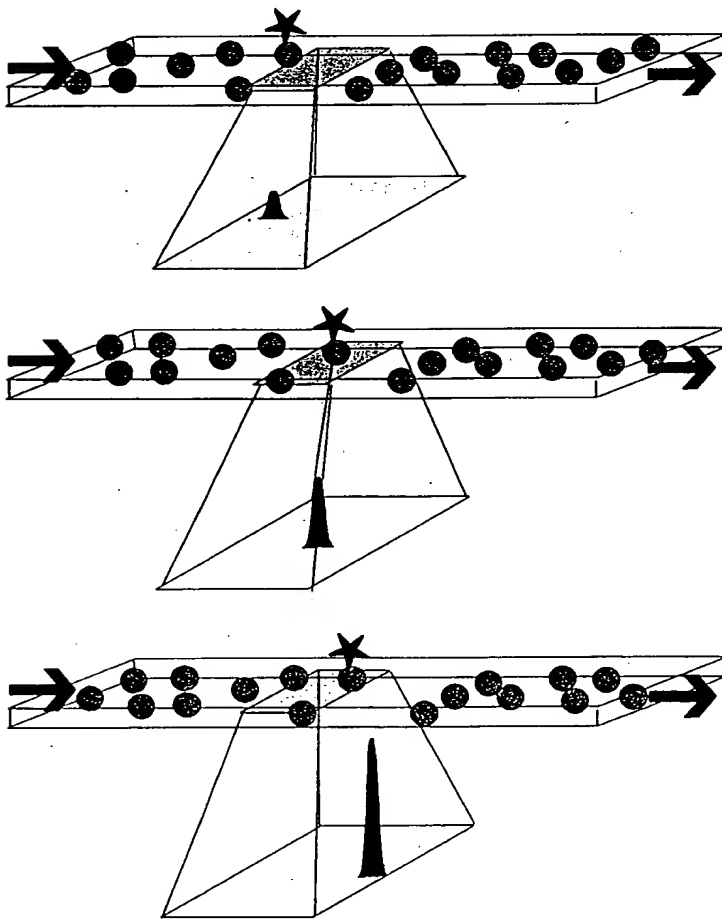
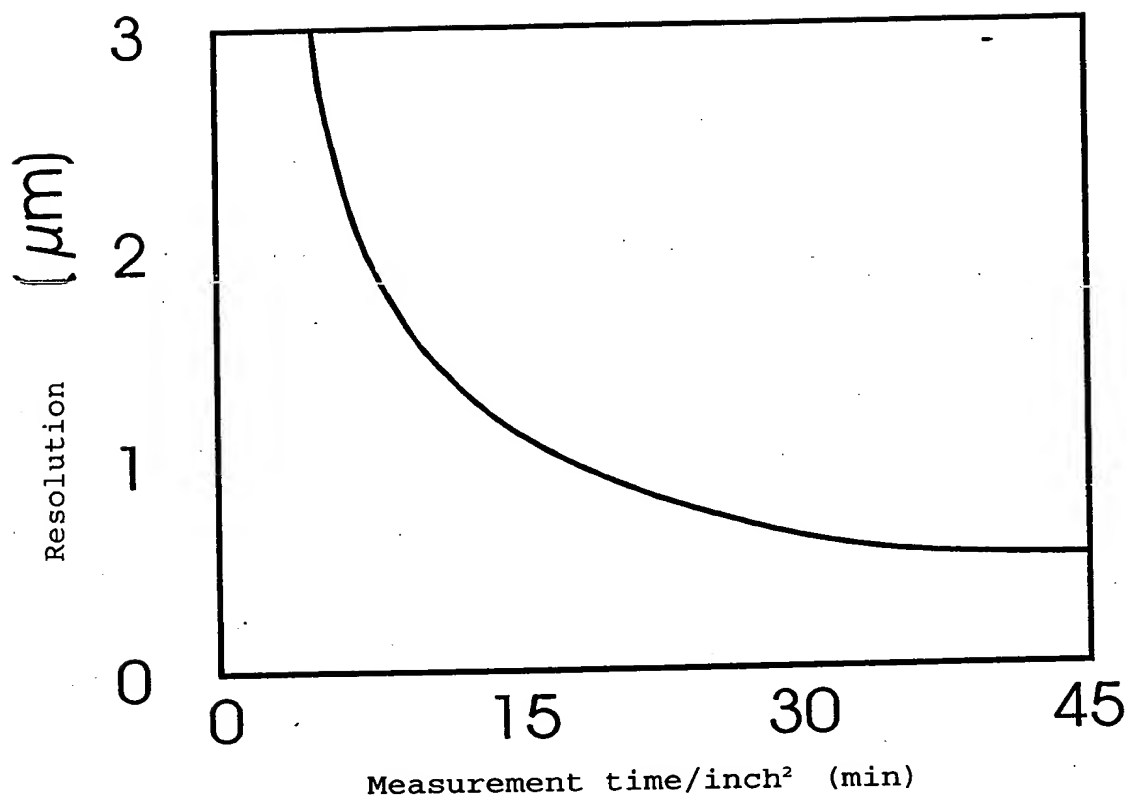
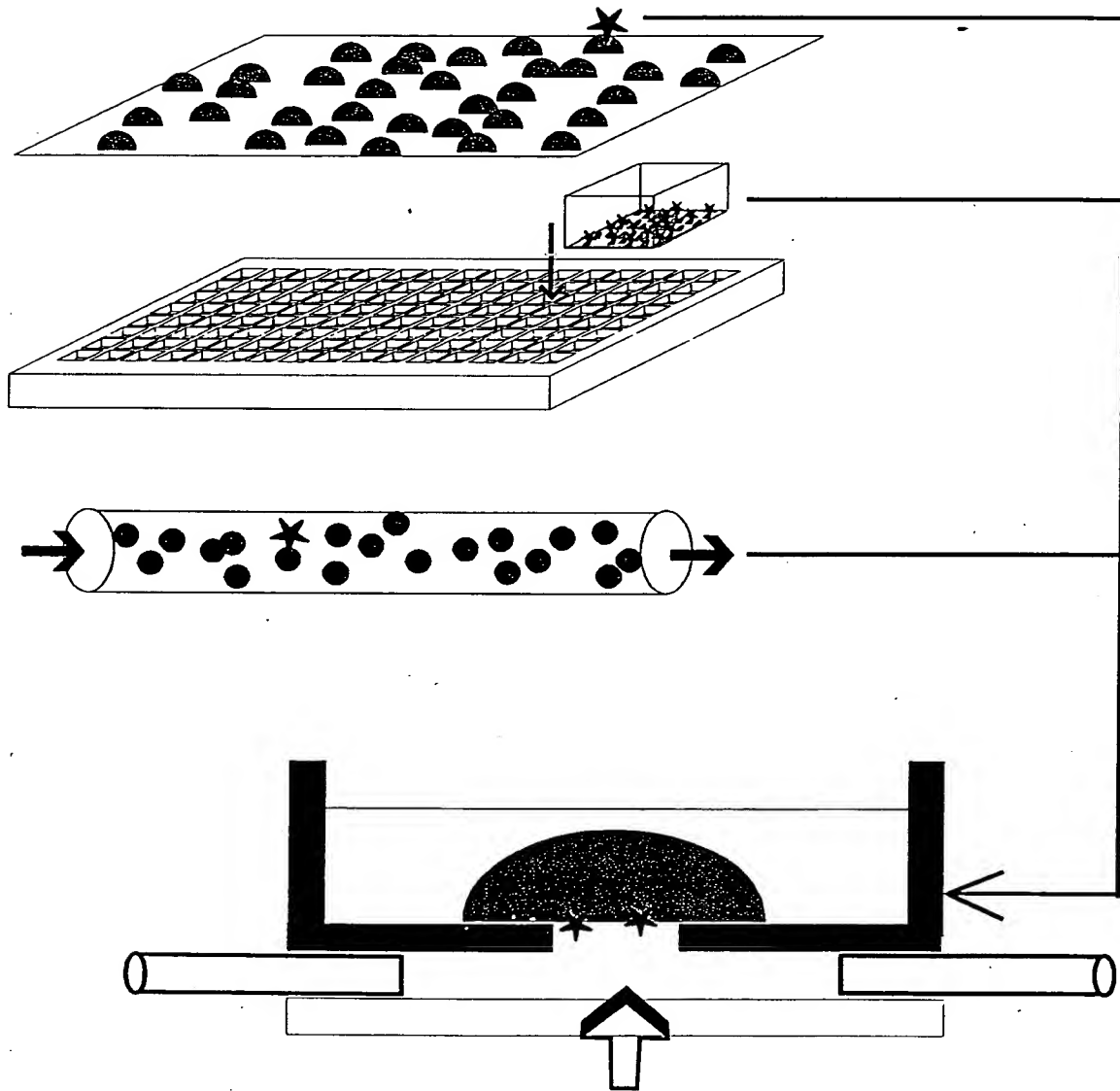


FIG. 6



for typical characteristics of CCD cameras (cooled with liquid  $\text{N}_2$ ): 1300 x 1340 pixels ( $250 \times 250 \mu\text{m}$ )  
 line shift rate 300 KHz, read-out rate 1 MHz, read-out noise  $\sim 7$  counts per pixel, dark noise  $\sim 0$ .  
 Objective with 40-fold magnification, illuminated area = area pixel array/40 x 40 =  $400 \mu\text{m} \times 100 \mu\text{m}$ ;  
 light intensity maintained at 250 counts per fluorophore

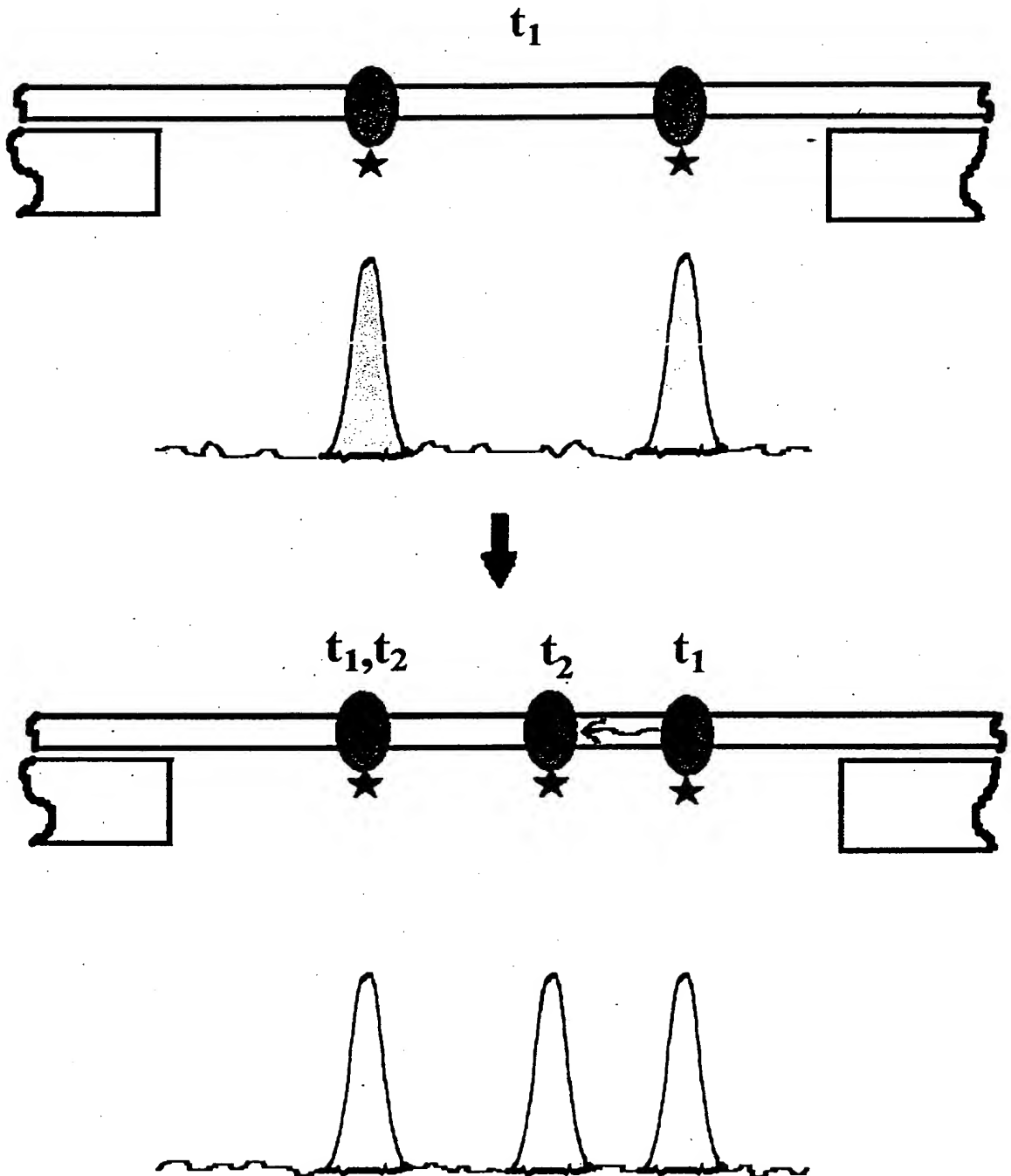
FIG. 7



05445060 "044" 4

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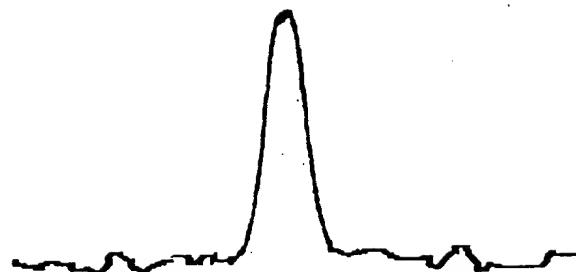
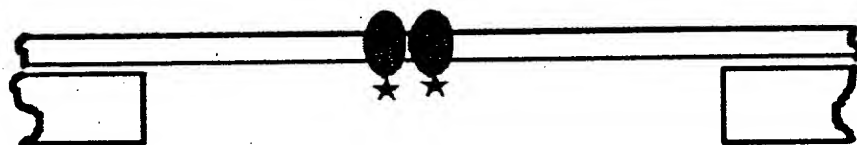
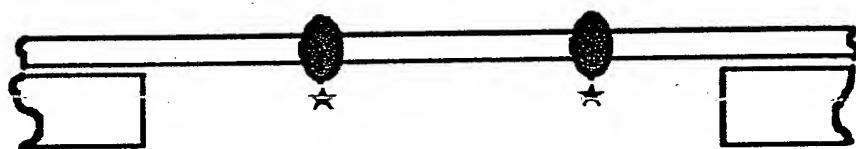
FIG. 8



09345006 042701



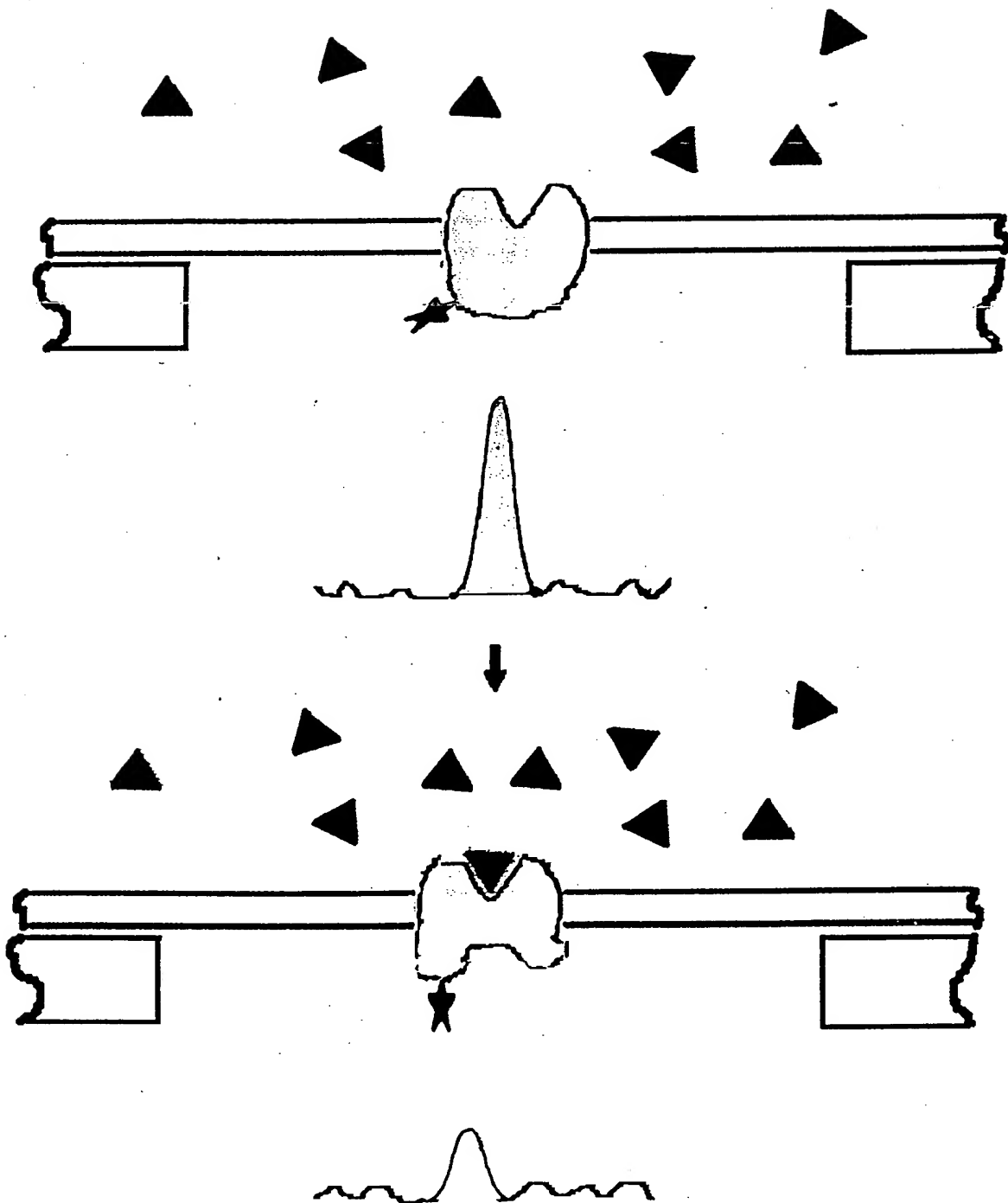
FIG. 9



09345006 .042701

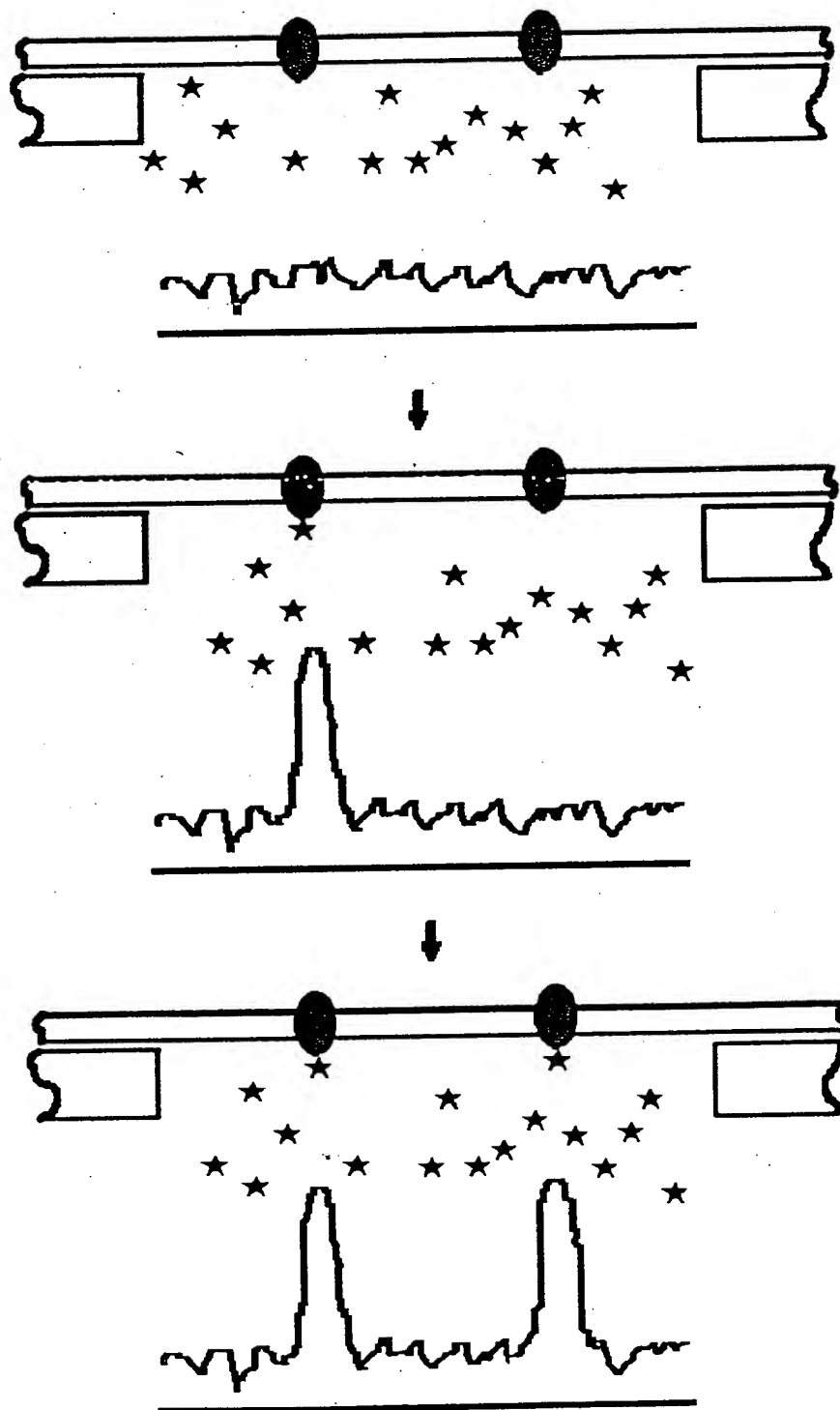
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FIG.10



09845006 242781

FIG. 11



09645006 042704

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FIG. 12

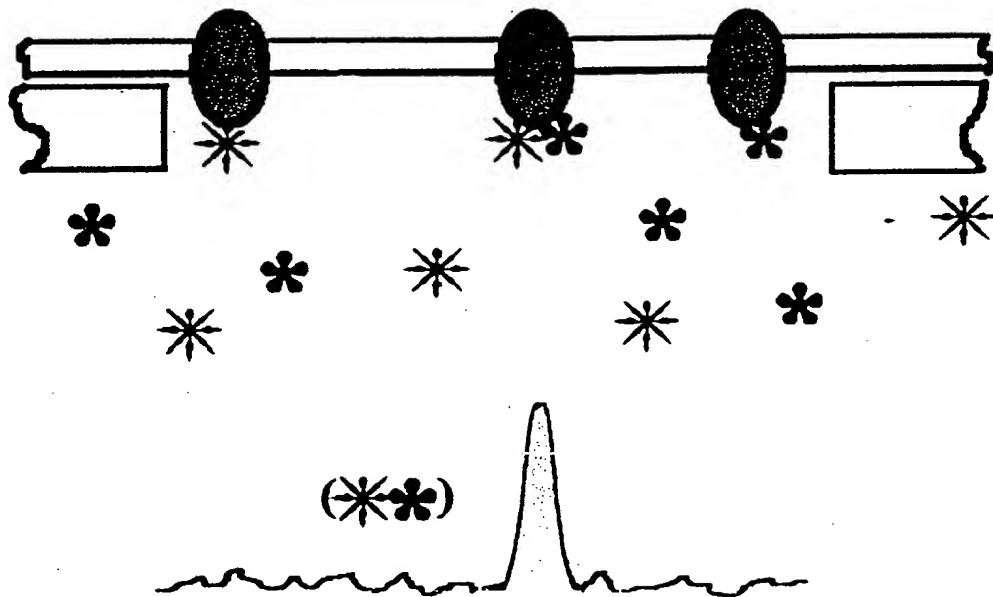
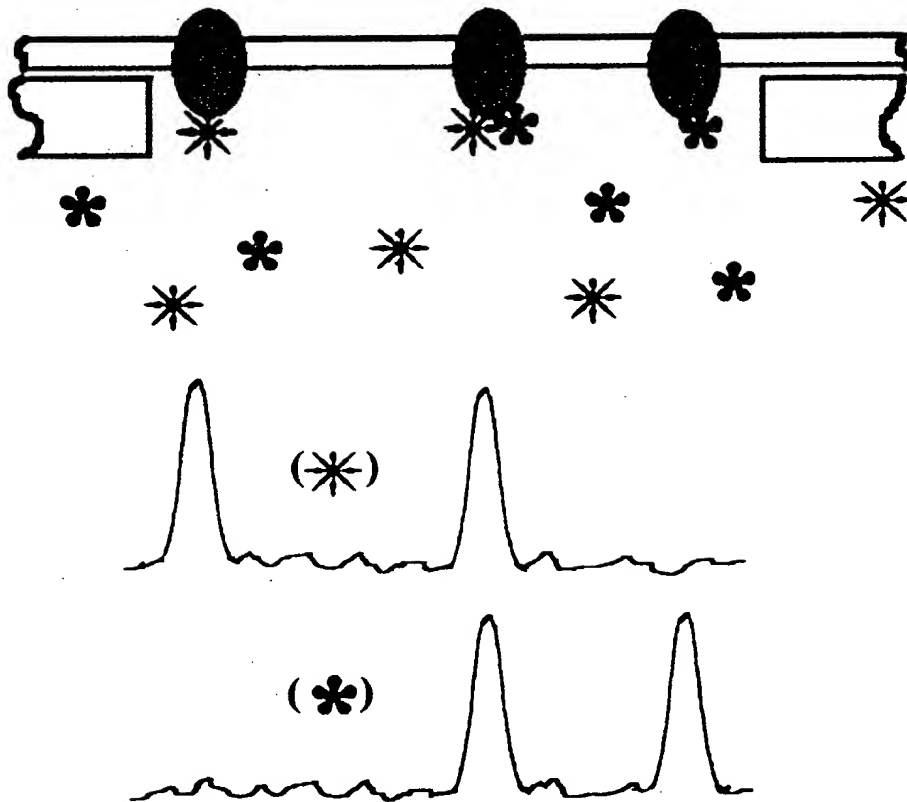


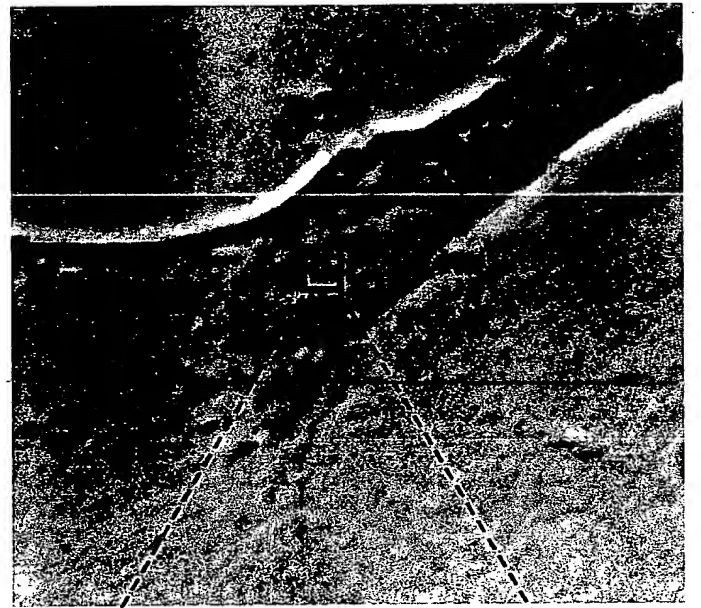
FIG. 13



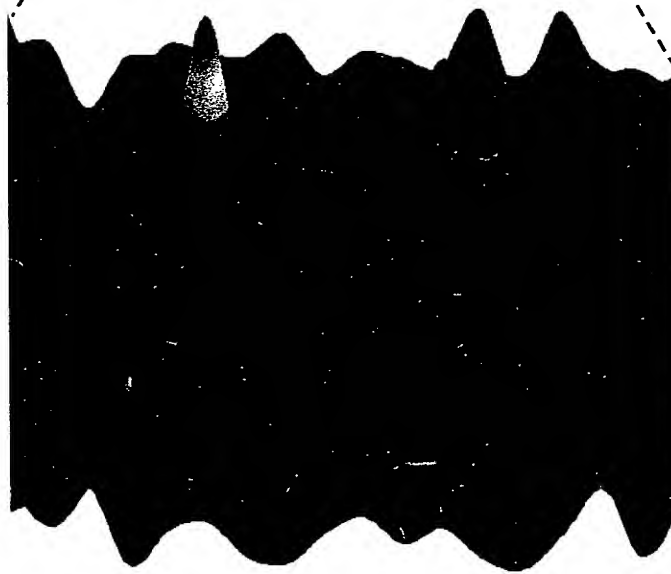
094503 64764

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Fig.14



10 μm

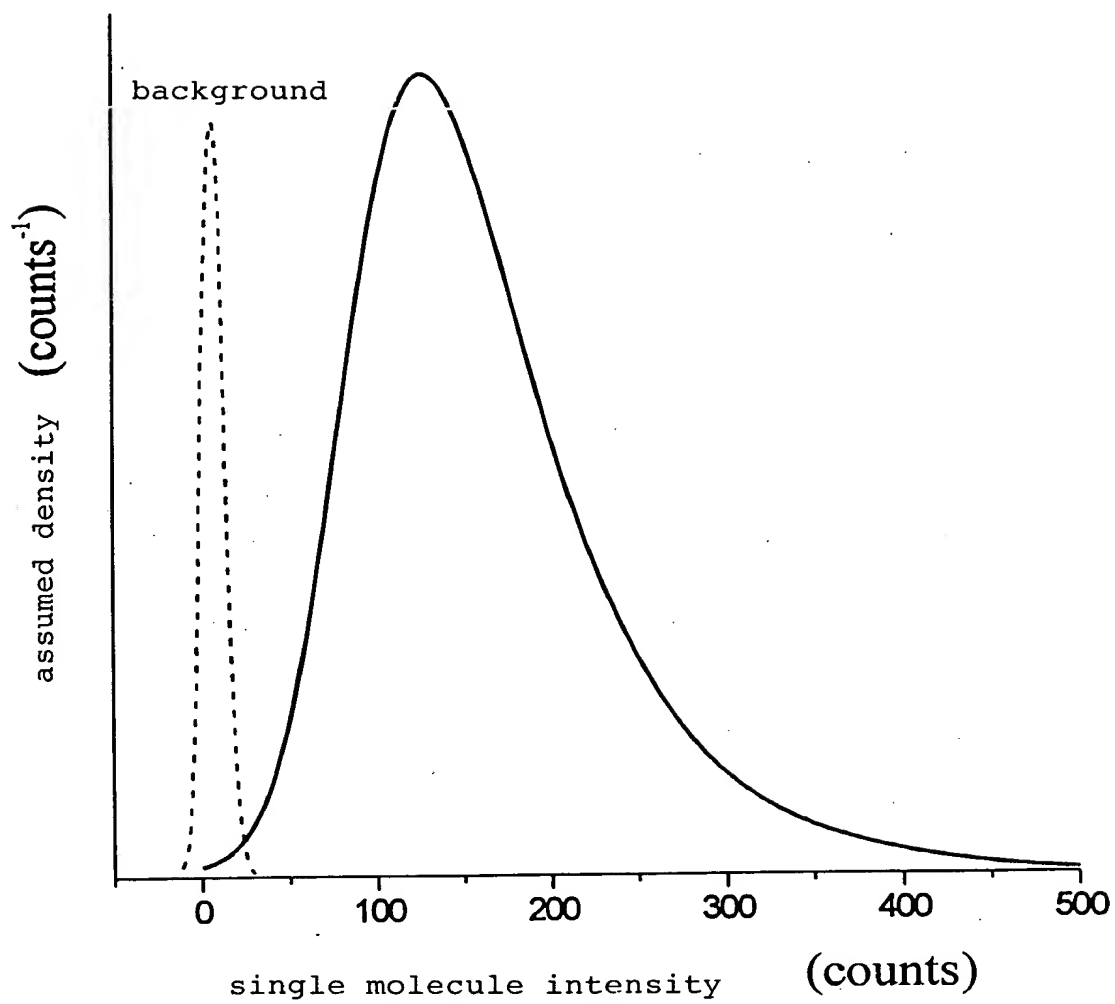


1 μm



00345006.042704

Fig.15



T02240" 00054250

Fig.16

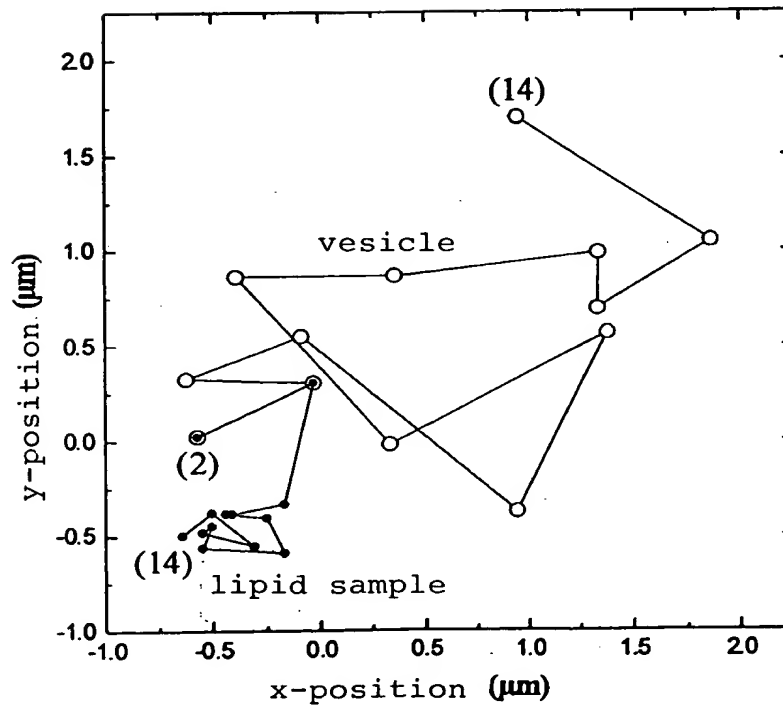
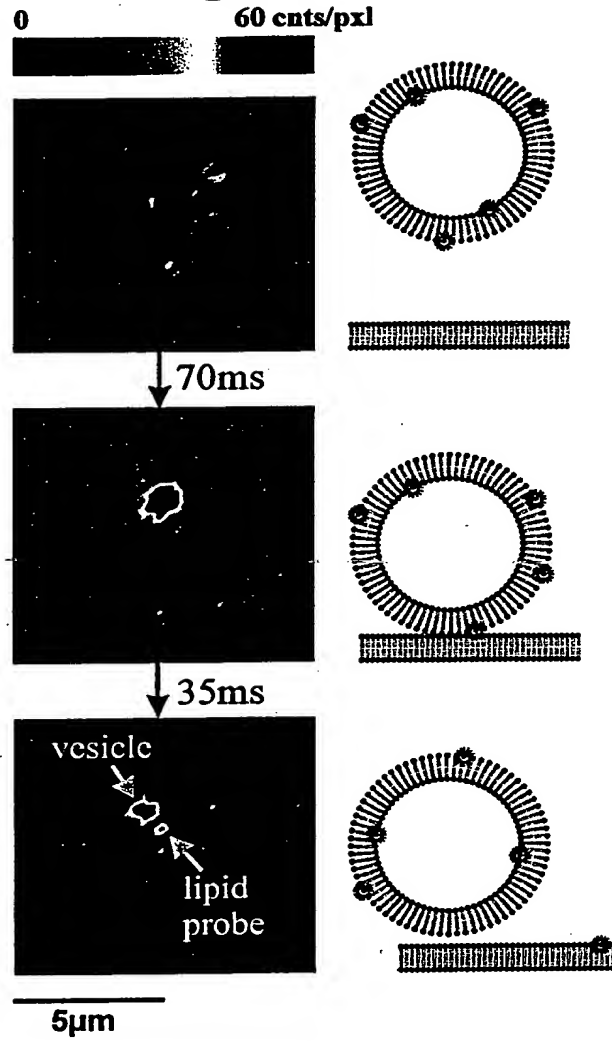


Fig.17

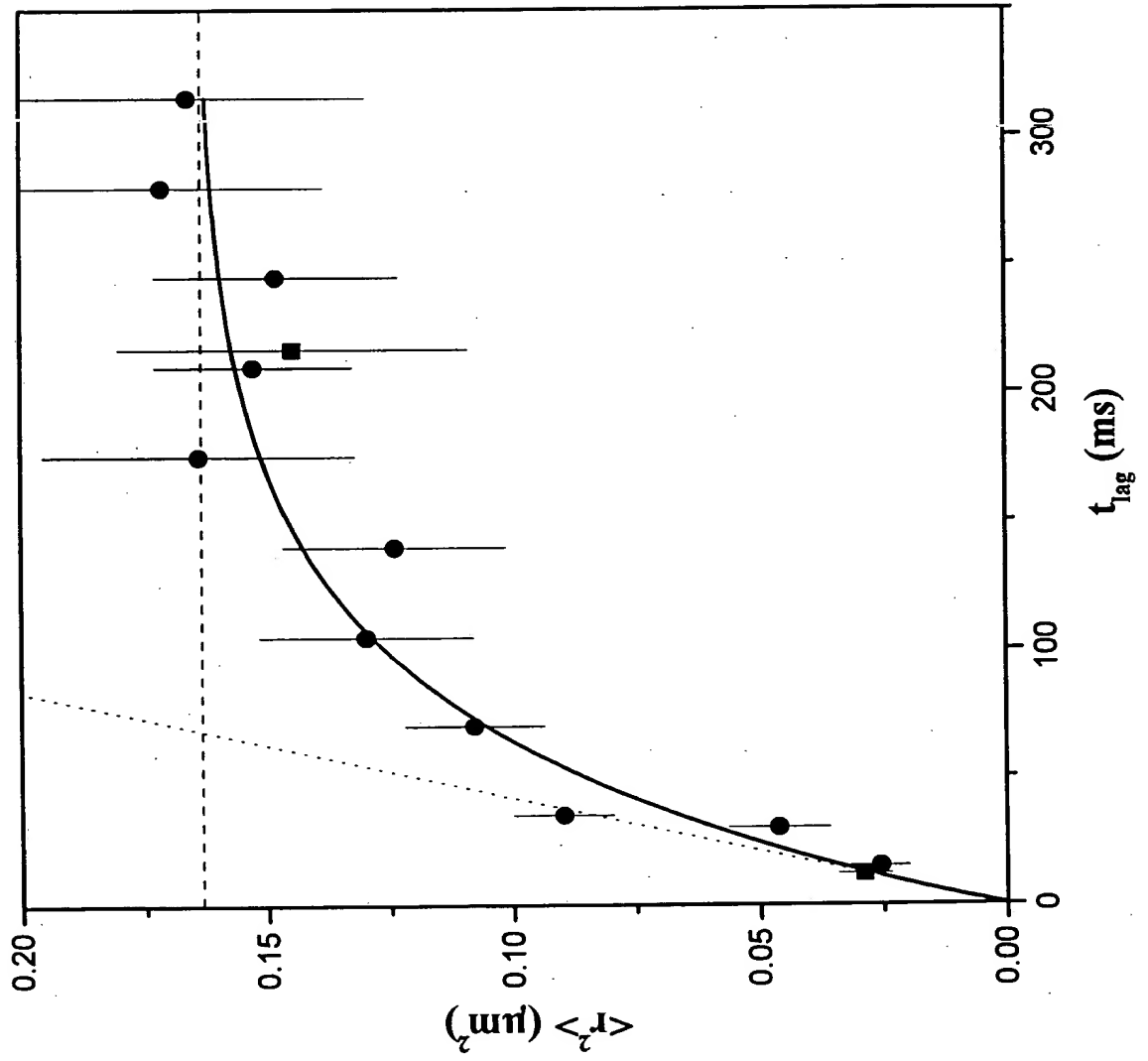




Fig.18

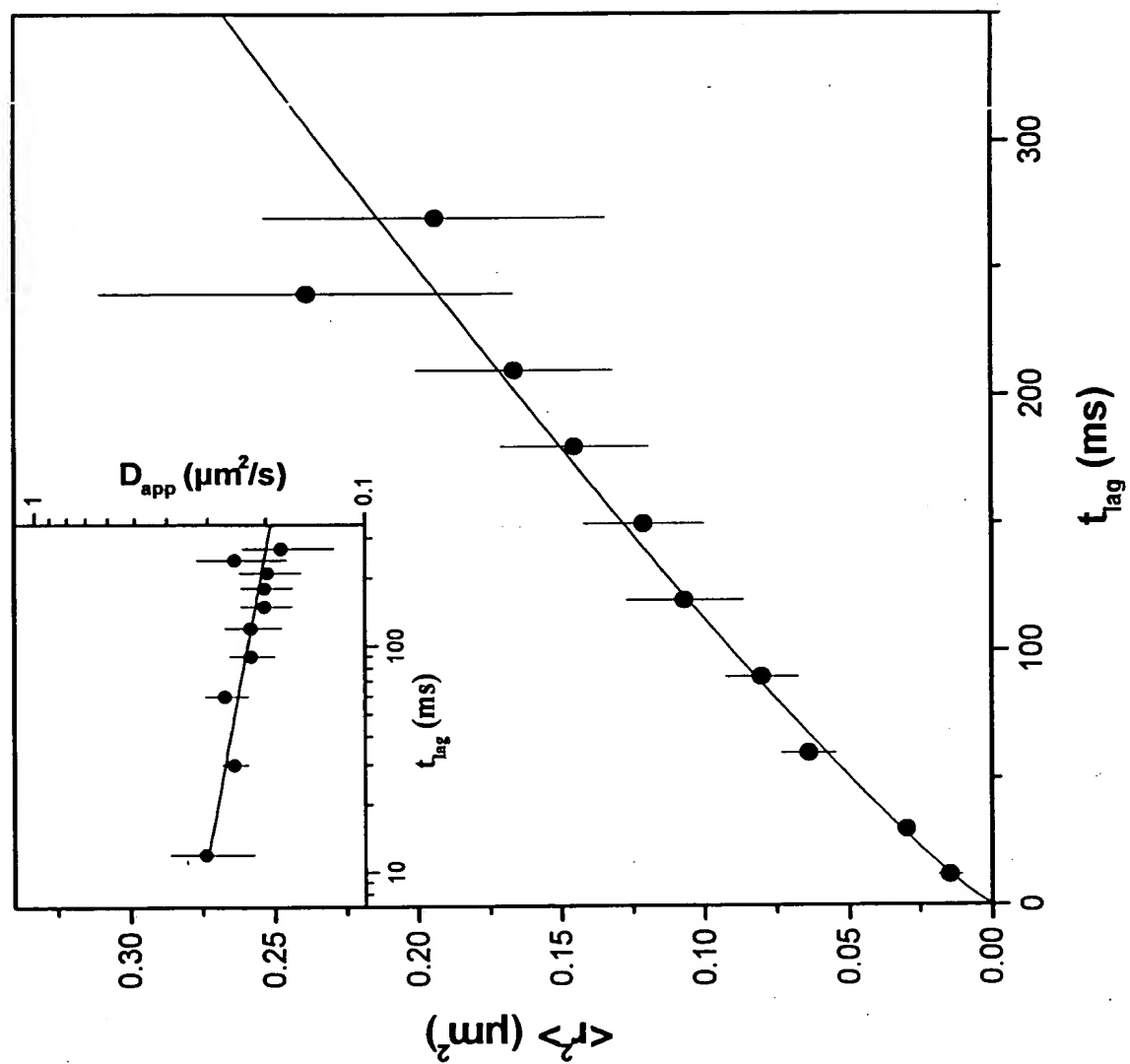
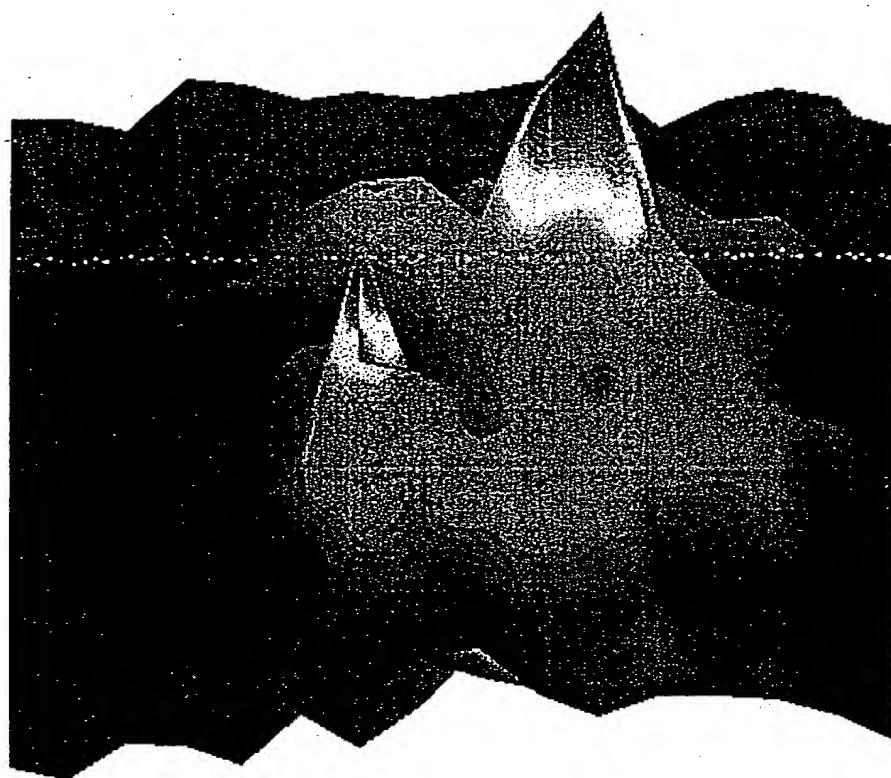


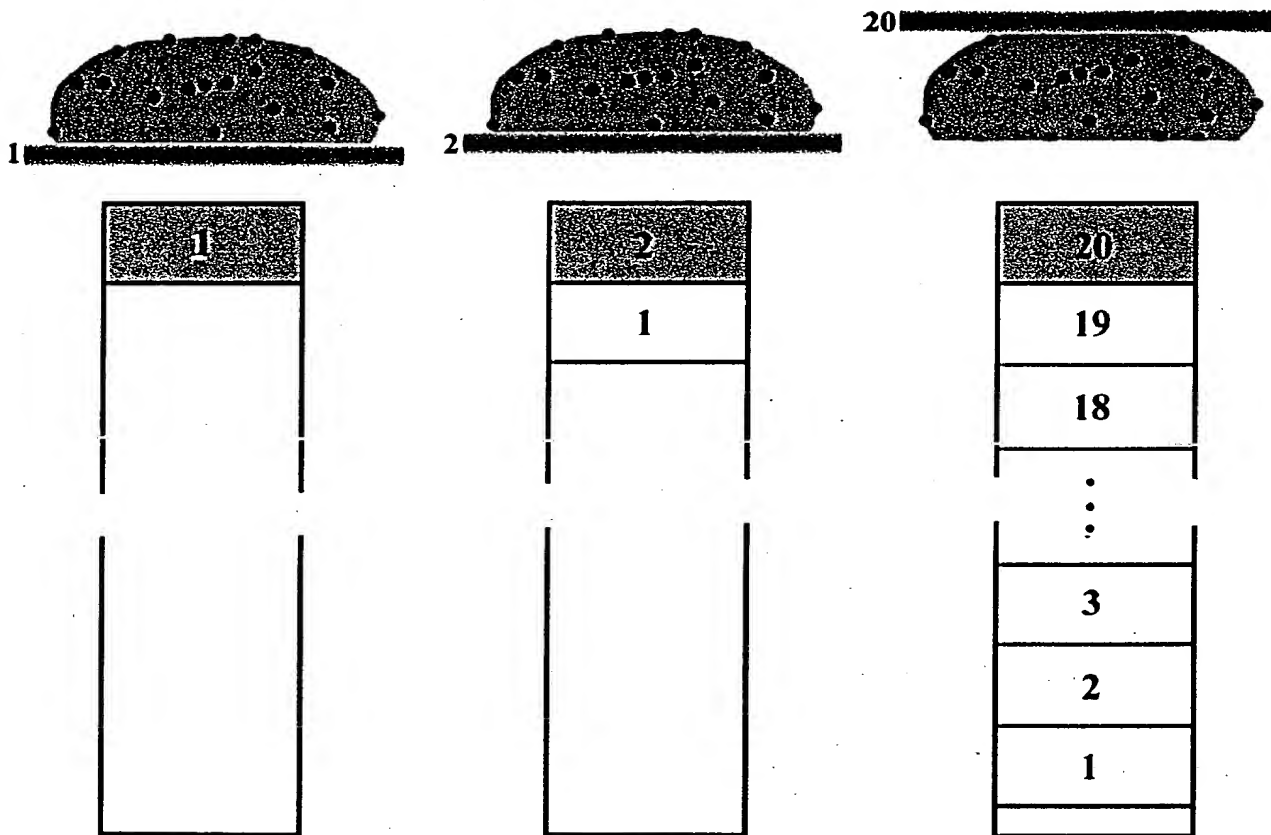
FIG. 19



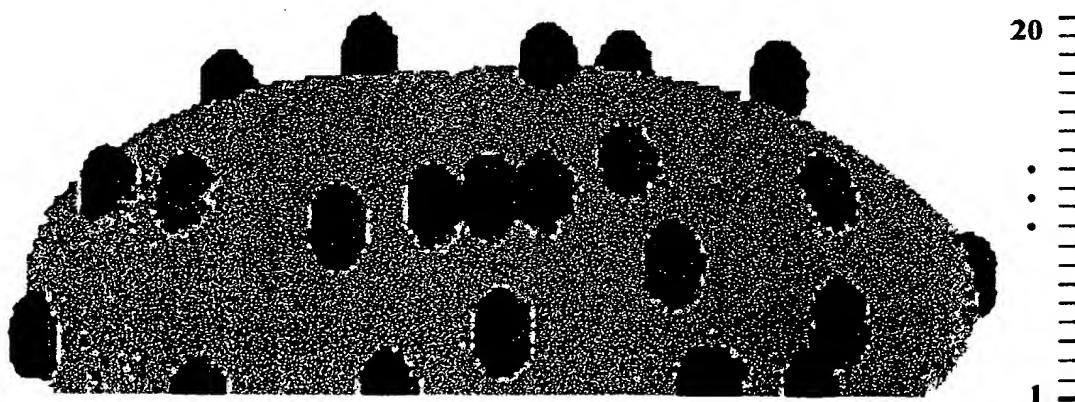
1μm

09045006 042701  
T0240 90054850

**Fig. 20A**



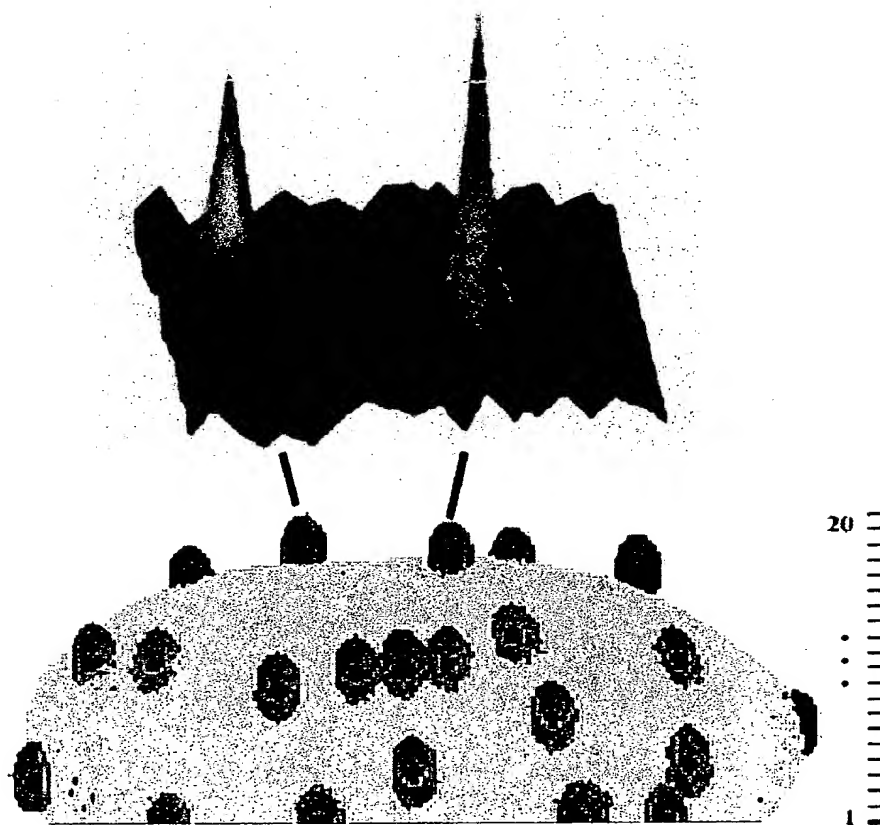
**Fig. 20B**



09045006 04004  
FOI 00000000

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FIG. 20C



09845006 042701



FIG. 22

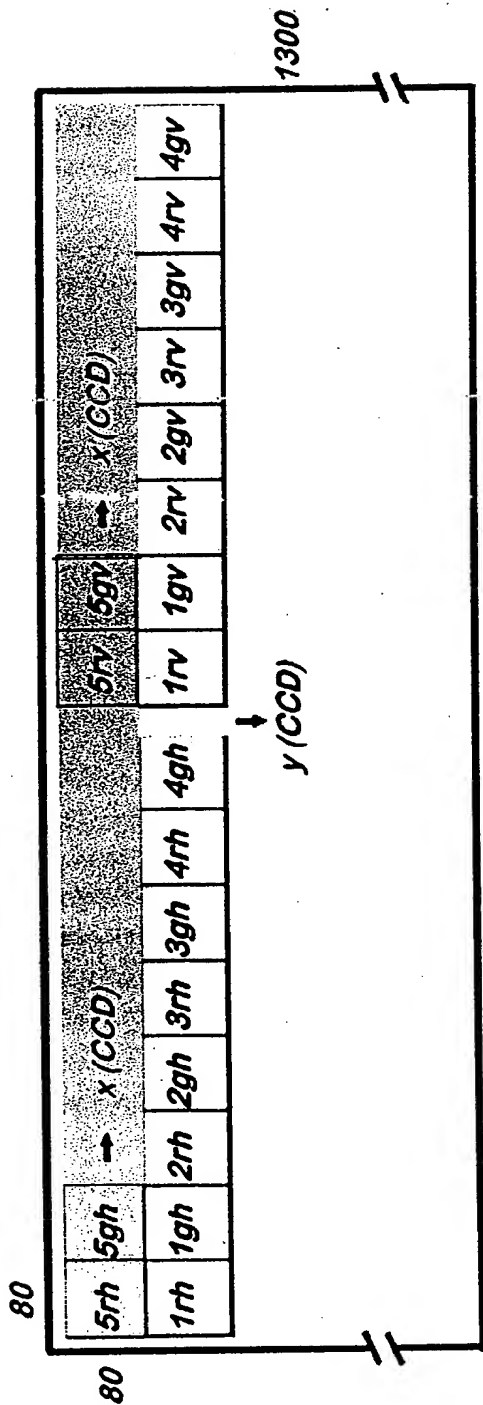


FIG. 23

